



Attorney Docket No. 1418.03

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: MANFREDI
Serial No.: 10/040,969
Filed: January 4, 2002
For: METHOD OF DETECTING
PROTEIN-PROTEIN
INTERACTIONS

) Group Art Unit: 1653
)
)
) Examiner: TBA
)

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June 26, 2002

Commissioner for Patents
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Attached is a list of documents on form PTO-1449 together with copies of each identified document. It is requested that the Examiner consider these documents and officially make them of record in accordance with the provisions of 37 CFR 1.97 and Section 609 of the MPEP. By submitting the listed documents, Applicants in no way make any admission as to prior art status of the listed documents, but are instead submitting the listed documents for the sake of full disclosure.

Since no office action has been issued in the instant application from the PTO, no fee is required under 37 CFR 1.97.

It is not believed that any extension of time, or any fee is required in connection with this communication. However, if an extension of time (and extension fee) or other fees are required, such an extension of time is hereby petitioned for and the Commissioner is authorized to charge any fees or credit any overpayment to Deposit Account No. **50-1627**.

Respectfully submitted,

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Page 2

CERTIFICATE OF MAILING

Date: June 26, 2002

I hereby certify that this correspondence is being deposited on the above date with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231.



Michael Moreno

6-26-02
Date



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/040,969	
			Filing Date	January 4, 2002	
			First Named Inventor	John MANFREDI	
			Group Art Unit	1653	
Examiner Name					
Sheet	1	of	2	Attorney Docket Number	1418.03

U.S. PATENT DOCUMENTS						
Examiner Initials'	Cite No. ¹	U.S. Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A1	10/040,910		Manfredi	01-04-2002	
	A2	10/040,967		Manfredi	01-04-2002	
	A3	10/040,964		Manfredi et al.	01-04-2002	
	A4	6,057,091		Beachy et al.	05-02-2000	
	A5	5,981,182		Jacobs, Jr. et al.	11-09-1999	
	A6	5,834,247		Comb et al.	11-10-1998	

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, volume-issue number(s), page(s), publisher, city and/or country where published.	T ²
	B1	CHONG, Shaorong, et al., "Protein Splicing Involving the <i>Saccharomyces cerevisiae</i> VMA Intein", <i>The Journal of Biological Chemistry</i> , September 6, 1996; 271(36):22159-22168	
	B2	WU, Hong, et al., "Protein <i>trans</i> -splicing and functional mini-inteins of a cyanobacterial <i>dnaB</i> intein", <i>Biochimica et Biophysica Acta</i> , 1998; 1387:422-432	
	B3	SHINGLEDECKER, Kaori, et al., "Molecular dissection of the <i>Mycobacterium tuberculosis</i> RecA intein: design of a minimal intein and of a <i>trans</i> -splicing system involving two intein fragments", <i>Gene</i> , 1998; 207:187-195	
	B4	SEVERINOV, Konstantin, et al., "Expressed Protein Ligation, a Novel Method for Studying Protein-Protein Interactions in Transcription", <i>The Journal of Biological Chemistry</i> , June 26, 1998; 273(26):16205-16209	
	B5	WU, Hong, et al., "Protein <i>trans</i> -splicing by a split intein encoded in a split DnaE gene of <i>Synechocystis</i> sp. PCC6803", <i>Proc. Natl. Acad. Sci. USA</i> , August 1998; 95:9226-9231	
	B6	LEW, Belinda M., et al., "Characteristics of Protein Splicing in <i>trans</i> Mediated by a Semisynthetic Split Intein", <i>Biopolymers</i> , 1999; 51:355-362	
	B7	XU, Rong, et al., "Chemical ligation of folded recombinant proteins: Segmental isotopic labeling of domains for NMR studies", <i>Proc. Natl. Acad. Sci. USA</i> , January 1999; 96:388-393	
	B8	EVANS, Thomas C., Jr., et al., "The <i>in Vitro</i> Ligation of Bacterially Expressed Proteins Using an Intein from <i>Methanobacterium thermoautotrophicum</i> ", <i>The Journal of Biological Chemistry</i> , February 12, 1999; 274(7):3923-3926	
	B9	AMITAI, Gil, et al., "Fine-tuning an engineered intein", <i>Nature Biotechnology</i> , September 1999; 17:854-855	
	B10	EVANS, Thomas C., Jr., et al., "Protein <i>trans</i> -Splicing and Cyclization by a Naturally Split Intein from the <i>dnaE</i> Gene of <i>Synechocystis</i> Species PCC6803", <i>The Journal of Biological Chemistry</i> , March 31, 2000; 275(13):9091-9094	
	B11	OZAWA, Takeaki, et al., "A Fluorescent Indicator for Detecting Protein-Protein Interactions in Vivo Based on Protein Splicing", <i>Analytical Chemistry</i> , November 1, 2000; 72(21):5151-5157	

	B12	OZAWA, Takeaki, et al., "Split Luciferase as an Optical Probe for Detecting Protein-Protein Interactions in Mammalian Cells Based on Protein Splicing", <i>Analytical Chemistry</i> , June 1, 2001; 73(11):2516-2521	
Examiner Signature		Date Considered	